

IN THE CLAIMS:

Cancel non-elected claims 5-10 without prejudice and subject to applicant's right to file a continuing application to pursue the subject matter thereof, amend claims 1-4 and add new claims 11-22 as shown in the following listing of claims, which replaces all previous listings and versions of claims.

1. (currently amended) A manufacturing method of a liquid crystal display unit ~~manufactured by using~~ having a polymeric substrate ~~in which~~ having a longitudinal length ~~of the polymeric substrate~~ is longer than its a transversal width, and ~~many transparent electrode patterns are arranged in the longitudinal direction;~~ electrodes disposed on the polymeric substrate,

~~the manufacturing method being characterized in that~~
the manufacturing method ~~comprises~~ comprising:

a vertical orientation film forming process for forming a vertical orientation film on ~~said the~~ polymeric ~~substrate,~~ substrate; and

a solidifying process for solidifying ~~said the~~ vertical orientation film;

wherein the ~~said polymeric substrate is processed in these processes while said~~ polymeric substrate is continuously

moved in the longitudinal direction during the vertical orientation film forming process and the solidifying process.

2. (currently amended) A manufacturing method of a liquid crystal display unit according to claim 1, ~~wherein;~~ further comprising, after the solidifying process an orientation process for prescribing the falling direction of a liquid crystal ~~molecule~~ molecules by continuously moving ~~said~~ the polymeric substrate in the longitudinal direction ~~is subsequently arranged after the process for solidifying said vertical orientation film.~~

3. (currently amended) A manufacturing method of a liquid crystal display unit according to claim 2, ~~wherein~~ said the orientation process is performed by irradiating light in one direction ~~to said~~ onto the vertical orientation film.

4. (currently amended) A manufacturing method of a liquid crystal display unit according to claim 2, ~~2;~~ 2; wherein ~~said the~~ said the orientation process is performed by rubbing ~~said the~~ the vertical orientation film in parallel with the longitudinal direction of ~~said the~~ the polymeric substrate.

5. - 10. (canceled).

11. (new) A manufacturing method of a liquid crystal display unit according to claim 1; further comprising a patterning process for forming the transparent electrodes on the polymeric substrate before the vertical orientation film forming process;

wherein a buffer of the polymeric substrate is arranged within the patterning process, or between the patterning process and the vertical orientation film forming process, so as to continuously move the polymeric substrate in the longitudinal direction in the vertical orientation film forming process.

12. (new) A manufacturing method of a liquid crystal display unit according to claim 11; wherein an orientation process for prescribing the falling direction of liquid crystal molecules is carried out after the vertical orientation film forming process and is performed by continuously moving the polymeric substrate in the longitudinal direction.

13. (new) A manufacturing method of a liquid crystal display unit according to claim 11; wherein the orientation process is performed by irradiating light in one direction onto the vertical orientation film.

14. (new) A manufacturing method of a liquid crystal display unit according to claim 11; wherein the orientation process is performed by rubbing the vertical orientation film in parallel with the longitudinal direction of the polymeric substrate.

15. (new) A manufacturing method of a liquid crystal display unit according to claim 14; wherein the vertical orientation film contains at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

16. (new) A manufacturing method of a liquid crystal display unit according to claim 13; wherein the vertical orientation film contains at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

17. (new) A manufacturing method of a liquid crystal display unit according to claim 12; wherein the vertical orientation film contains at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

18. (new) A manufacturing method of a liquid crystal display unit according to claim 11; wherein the vertical orientation film contains at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

19. (new) A manufacturing method of a liquid crystal display unit according to claim 4; wherein the vertical orientation film contains at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

20. (new) A manufacturing method of a liquid crystal display unit according to claim 3; wherein the vertical orientation film contains at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

21. (new) A manufacturing method of a liquid crystal display unit according to claim 2; wherein the vertical orientation film contains at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.

22. (new) A manufacturing method of a liquid crystal display unit according to claim 1; wherein the vertical orientation film contains at least one high polymer selected from the group consisting of polyimides, cinnamates, chalcones and azobenzenes.